

ADMINISTRATIVE MESSAGE

ROUTINE

R 061247Z DEC 97 ZYB

FM COMNAVSAFECEN NORFOLK VA//40/43/FILE//

TO ALSAFE

UNCLAS //N05100//

ALSAFE 065/97

PART III, PART I DTG 061245Z DEC 97, PART II DTG 061246Z DEC 97

MSGID/GENADMIN/COMNAVSAFECEN/434-029/DEC//

SUBJ/INTERIM CHANGE 2-5 TO OPNAVINST 5102.1C, MISHAP
INVESTIGATION AND REPORTING//

REF/A/DOC/CNO/03MAR89//

REF/B/DOC/CNO/01SEP94//

REF/C/DOC/CNO/19JAN94//

REF/D/TEL/COMNAVSAFECEN/25SEP97//

REF/E/DOC/DOD/01APR89//

REF/F/DOC/CNO/11OCT94//

REF/G/DOC/DOD/10APR89//

NARR/REF A IS OPNAVINST 5102.1C MISHAP INVESTIGATION AND
REPORTING WITH CH-1, INTERIM CH-2-4. REF B IS OPNAVINST 8600.2B
NAVAL AIRBORNE WEAPONS MAINTENANCE PROGRAM (NAWMP) WITH CH-1.
REF C IS OPNAVINST 5100.19C VOLUME 1 NAVY OCCUPATIONAL SAFETY AND
HEALTH (NAVOSH) PROGRAM MANUAL FOR FORCES AFLOAT WITH CHANGE 1.
REF D IS TELCON BTWN COMNAVSAFECEN CAPT BOLAND/CNO (N45) MR
SHULTZ FOR REF C INCLUDING THIS INTERIM CHANGE.// REF E IS
DODINST 5160.65-M SINGLE MANAGER FOR CONVENTIONAL AMMUNITION
(IMPLEMENTING JOINT CONVENTIONAL AMMUNITION POLICIES AND
PROCEDURES). REF F IS OPNAVINST 5100.23 SERIES, NAVY
OCCUPATIONAL SAFETY HEALTH (NAVOSH) PROGRAM. REF G IS DODINST
6055.7 MISHAP INVESTIGATION, REPORTING, AND RECORDKEEPING.
POC/PORTER/CDR/DSN 564-3520 EXT 7143/-/NAVSAFECEN 43/(757)444-
3520 EXT 7143//

RMKS/1. EXECUTIVE SUMMARY. THIS INTERIM CHANGE CONSOLIDATES ALL
ORDNANCE MISHAP/MALFUNCTION REPORTING REQUIREMENTS INTO A SINGLE
INSTRUCTION. ALL EXPLOSIVE MISHAP REPORTS (EMR) AND CONVENTIONAL

ORDNANCE DEFICIENCY REPORTING (CODR) WILL BE IAW REF A AND THIS INTERIM CHANGE. THIS INTERIM CHANGE IS THE FIRST STEP IN A PROCESS WHICH WILL CONSOLIDATE ALL NAVY MISHAP REPORTING REQUIREMENTS INTO THE OPNAVINST 5102.1 SERIES WHILE RETAINING PROGRAM POLICY IN EXISTING INSTRUCTIONS.

3. WHY DID THE PERSON OR PERSONS FAIL TO CARRY OUT ACTION OF PARAGRAPH FOXTROT TWO? FOR EXAMPLE: LACK OF CONCERN OR INTEREST; INADEQUATE SUPERVISION, DISTRACTED OR INATTENTIVE; HASTE, OVERCONFIDENCE; EMOTIONALLY AROUSED; INADEQUATE KNOWLEDGE; INSUFFICIENT EXPERIENCE; FATIGUE; ALCOHOL; DRUGS; ILLNESS; MISUNDERSTANDING; DESIGN; OTHER.

4. WHO CAUSED THE MISHAP?

- A. SUPERVISOR, OPERATOR, MAINTENANCE WORKER, OFF-DUTY MILITARY, OTHER, OR UNKNOWN
- B. RANK AND DESIGNATOR, RATE AND NEC, OR GRADE AND JOB TITLE
- C. WAS A SUPERVISOR OR SAFETY OBSERVER PRESENT?
- D. QUALIFICATION OR CERTIFICATION HELD. ENTER YES, NO, OR NOT REQUIRED. INDICATE IF EACH PERSON INVOLVED IN THE MISHAP AS A CAUSAL FACTOR HOLDS A CURRENT QUALIFICATION OR CERTIFICATION AND THAT THE INDIVIDUAL WAS SPECIFICALLY TRAINED IN THE TASK IN WHICH THE MISHAP OCCURRED, BASED ON OPNAVINST 8023.2C OR MCO 8023.3. (NOTAL)

5. FOR PRODUCTION BASE ONLY.

- A. EFFECTS
- B. EXPOSURE TO SIGNIFICANT ENVIRONMENTAL CONDITIONS. (FOR EXAMPLE: ELECTROSTATIC, RELATIVE HUMIDITY, TEMPERATURE).

GOLF: RECOMMENDATIONS AND LESSONS LEARNED. BASED ON THE ABOVE CAUSES FOR THE MISHAP OR DEFICIENCY, GIVE A RECOMMENDATION ON HOW TO AVOID FUTURE MISHAPS OF THE SAME, OR A RELATED, TYPE. IF SEVERAL FACTORS ARE INVOLVED, BE SURE TO LIST THEM. PARAGRAPH GOLF IS PERHAPS THE MOST IMPORTANT PART OF THE REPORT. IF GOOD RECOMMENDATIONS ARE IMPLEMENTED, REPETITIVE MISHAPS CAN BE PREVENTED. IF CAUSED BY A MATERIAL OR DESIGN DEFECT, SUGGEST CHANGES NEEDED FOR SAFER EQUIPMENT. IF CAUSED BY PERSONNEL OR SUPERVISORY ERROR, SUGGEST CHANGES IN STANDARD OPERATING PROCEDURES, IF APPROPRIATE. LIST SPECIFIC ACTION TAKEN BY YOUR COMMAND TO RESOLVE REPORTED INCIDENT. FOR INCIDENTS AFFECTING THE PRODUCTION BASE, LIST PROPOSED CORRECTIVE ACTION.

HOTEL: SUPPLEMENTAL DATA

1. TECHNICAL INVESTIGATION (NOT) REQUESTED. MANDATORY - FOR INCIDENTS AFFECTING THE PRODUCTION BASE, LIST TYPE OF INVESTIGATION REQUIRED OR PLANNED.

2. ITEM OR FRAGMENTS (NOT) AVAILABLE

3. PHOTOGRAPHS (NOT) AVAILABLE

4. SUPPLEMENTARY MSG WILL (NOT) BE SUBMITTED. IF THE CAUSE, LESSONS LEARNED, RECOMMENDATIONS, OR DOLLAR LOSS OF EQUIPMENT DAMAGES ARE NOT DETERMINED BEFORE THE INITIAL REPORTING TIME REQUIREMENTS, INCLUDE THEM AND OTHER MISSING INFORMATION IN A

SUPPLEMENTARY MESSAGE.

PART II (COMPLETE ONLY IF SURFACE-LAUNCHED GUIDED MISSILES ARE INVOLVED.)

ALPHA: SURFACE LAUNCHED MISSILES

IN CASE OF MISFIRE OR DUDS, IF READY TO FIRE LIGHT WAS NOT ILLUMINATED, DETERMINE, IF POSSIBLE, WHICH OF THE FOLLOWING INTERLOCKS WERE NOT PRESENT:

1. LAUNCHER SYSTEM BLAST DOOR CLOSED
2. LAUNCHER SYNC
3. FIRING RAIL LOADED
4. MLC EXTENDED

5. LAUNCHER POINT TO SAFE FIRING ZONE

BRAVO: INTENDED OFF-LOAD DATE OF ITEMS INVOLVED AND ACTIVITY, IF KNOWN//

SECTION 3

SAMPLE MESSAGE FORMAT

ROUTINE

R 011420Z MAR 95

FM FITRON ONE FOUR TWO

TO SEVEN SIX TWO ZERO

NAVAIRWARCENWPNDIV PT MUGU CA//

INFO COMNAVAIRLANT NORFOLK VA//N85//

COMNAVAIRPAC SAN DIEGO CA//N85/N85E//

COMNAVSURFLANT NORFOLK VA//N6/N8//

COMNAVSURFPAC SAN DIEGO CA//N42/N422/N4221/N814//

NAVSURFWARCENDIV INDIAN HEAD MD//044//

NAVSURFWARCEN WHITE OAK DET SILVER SPRING MD//450/R95//

NAVAIRWPNSTA CHINA LAKE CA//C02A/C02B/C85/C0804//

CDRIOC ROCK ISLAND IL//AMSIO-DMS//

ZEN/COMCARAIRWING SIX//

COMFITWING ONE OCEANA VA//

UNCLAS FOUO //N08020//

MSGID/GENADMIN/VF-142/SAF-003/MAR//

SUBJ/CONVENTIONAL ORDNANCE DEFICIENCY REPORT/ENGINEERING INVESTIGATION (CODR/EI) REQUEST//

REF/A/DOC/CNO/25AUG96//

REF/B/DOC/NAVAIR/01OCT95//

REF/C/DOC/NAVAIR/15JUN95//

NARR/THIS IS A GENERAL USE SAFETY MISHAP REPORT TO BE USED ONLY FOR SAFETY PURPOSES PER OPNAVINST 5102.1C. REF A IS OPNAVINST 5102.1C, EXPLOSIVES MISHAP AND CONVENTIONAL ORDNANCE DEFICIENCY REPORTING PROCEDURES. REF B IS NAVAIR 01-F14AAA-75, AIRBORNE WEAPONS/STORES LOADING MANUAL. REF C IS NAVAIR 01-F14AAD-75-3, BOMBS RETARD/NONRETARD WEAPONS LOADING CHECKLIST.

POC/ALLISON/CWO4/DSN 564-3520 EXT 7159/OCEANA, VA/(757)444-3520
EXT 7164//

RMKS/ALPHA:

1. 09097
2. N09097-96-0001
3. 1205 25 MAR 96
4. NAS FALLON NV
5. BOMBING RANGE
6. PRACTICE BOMBING MISSION
7. INFLIGHT
- 8.A. F-14D 160000
 - B. 600 KNOTS TAS, 37 DEGREE DIVE, 13K FEET, NON TURBULENT, NON-RETARD
 - C. FMU-139 ELECT TAIL FUZE, BSU-33 FIN, MXU-735 NOSE PLUG, MK-122 ARMING SAFETY SWITCH
 - D. WEAPONS RAIL STA 6R, MK-3 ARMING WIRE, MK-82 AFT LUG THROUGH MAU-182 ATTACHED TO AFT POSITIVE ARM OF BRU-32 THROUGH TOP OF FIN THROUGH POP OUT PIN OF FMU-139, TWO FAHNSTOCK CLIPS INSTALLED.

BRAVO:

- 1.A. EXPLOSIVE SYSTEMS INVOLVED
 - (1) GENERAL PURPOSE BOMB, MK-82, MOD 2, THERMALLY PROTECTED
 - (2) N/A
 - (3) E488
 - (4) 1325-00-409-1727
 - (5) C-41-27C
 - (6) N/A
 - (7) DUDDDED
 - (8) UNKNOWN
 - (1) BOMB FUZE, FMU-139A/B, NOSE AND TAIL, ELECTRONIC, IMPACT
 - (2) N/A
 - (3) F810
 - (4) 1325-01-255-6337
 - (5) MGG88A002-011
 - (6) N/A
 - (7) DUDDDED
 - (8) UNKNOWN
- B. N/A
- C. N/A
- D. N/A
- E. N/A
- F. N/A
- 2.A. 182.00
 - B. NONE
 - C. 678.45
 - D. NONE
 - E. NONE

F. 860.45

CHARLIE: N/A

DELTA: TYPE OF MISHAP

3. MALFUNCTION

ECHO: NARRATIVE.

PILOT REPORTED THAT DURING FLIGHT ON SECOND RELEASE OF MK-82 THERMALLY PROTECTED ELECTRICALLY FUZED BOMB FROM STA 6R WEAPON DUDDDED ON IMPACT. FIRST BOMB RELEASED FROM STA 3R EXPLODED ON IMPACT. NO SMS DISCREPANCIES WERE NOTED. RELEASE AND CONTROL CHECKS WERE PERFORMED PER REF (B) WITH NO DISCREPANCIES FOUND. ALL LOADING WAS PERFORMED PER REF (C). REQUEST ENGINEERING INVESTIGATION.

FOXTROT: CAUSE FACTORS

1. MATERIAL FAILURE

GOLF: NONE

HOTEL: SUPPLEMENTAL DATA

1. N/A

2. ENGINEERING INVESTIGATION REQUESTED

3. ITEM OR FRAGMENTS AVAILABLE ON BOMBING RANGE

4. PHOTOGRAPHS NOT AVAILABLE

5. SUPPLEMENTARY MSG WILL NOT BE SUBMITTED.

SAMPLE MESSAGE FORMAT

FM USS ANTIETAM

TO AIG FOUR ZERO TWO

NAVSURFWARCEN ORNSTA LOUISVILLE KY//0671/20/50//

INFO COMNAVAIRLANT NORFOLK VA//N85//

COMNAVAIRPAC SAN DIEGO CA//N85/N85E//

COMNAVSURFLANT NORFOLK VA//N6/N8//

COMNAVSURFPAC SAN DIEGO CA//N432/N814//

NAVSURFWARCENDIV INDIAN HEAD MD//044/610//

NAVSURFWARCEN WHITE OAK DET SILVER SPRING MD//450/R95//

NAVAIRWPNSTA CHINA LAKE CA//C02A/C02B/C85/C0804//

WPNSTA YORKTOWN VA//04/16/20/30/35//

WPNSTA SEAL BEACH CA//04/20//

WPNSTA CONCORD CA//04/20/30//

NAVSURFWARCENDIV CRANE IN//20/067//

CDRIOC ROCK ISLAND IL//AMSIO-DMS//

(CHAIN OF COMMAND)

UNCLAS FOUO //N08020//

MSGID/GENADMIN/ANTIETAM/0001/MAR//

SUBJ/CONVENTIONAL ORDNANCE DEFICIENCY REPORT (CODR) (REPORT SYMBOL DD-FM&P(AR) (5102)) (MIN: CONSIDERED)//

REF/A/DOC/CNO/AUG96//

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POC/ORDMAN/LT/COML (619) 556-4472/-/WEPS/ DSN 526-4472//

RMKS/PART I

ALPHA:

1. N21387
2. N21387-96-0001
3. 1300 14OCT95
4. HI; OPAREA
5. CIWS, MK15 MOD12, BASELINE 1, MT 21
6. PAC-FIRE EXERCISE
7. UNDERWAY

BRAVO:

- 1.A.1. M61A1 20MM ROTARY CANNON
 2. GVOO
 3. A676
 4. N/A
 5. N/A
 6. SER NR 1J437
 7. REMOVABLE ROTOR TRACK WAS REPAIRABLE BY FILING DOWN
DISPLACED MATERIAL. TRACK RETAINING BOLTS AND BOLT SPACERS
WERE BENT AND UNUSABLE.
 8. N/A

B. - F. N/A

- 2.A. \$395.80 FOR M61A1 20MM ROTARY CANNON

B. - E. N/A

F. 395.80

CHARLIE: N/A

DELTA:

1. MALFUNCTION

ECHO: DURING PAC-FIRE, REMOVABLE ROTOR TRACK DISLODGED DURING INITIAL GUN ROTATION. THE BREECH BOLT JAM. THE GUN STOPPED PRIOR TO FIRING. THE FIFTY ROUND STRING OF DUMMY AMMUNITION AT BEGINNING OF AMMUNITION CHAIN PREVENTED LIVE AMMUNITION FROM BEING JAMMED. REMOVABLE TRACK RETAINING BOLTS AND BOLT SPACERS WERE BENT AND UNUSABLE. PARTS AND TECH ASSIST RECEIVED VIA CASREP. REPAIRS EFFECTED INPORT. TRACK RETAINER BOLTS MAY NOT HAVE BEEN PROPERLY TORQUED DURING REBUILD AT SIMA OR BOLTS MAY HAVE LOST TENSILE STRENGTH AND SIMPLY FAILED. ALL PRE-FIRE CHECKS WERE SATISFACTORILY ACCOMPLISHED PRIOR TO EXERCISE.

FOXTROT:

1. MATERIAL FAILURE WAS MOST LIKELY CAUSE OF GUN JAM. REMOVABLE TRACK RETAINER BOLTS FAILED TO HOLD TRACK IN PLACE. TECHNICIAN ERROR NOT PROBABLE DUE TO SEVERAL HIGH SPEED GUN TESTS CONDUCTED PRIOR TO FIRING.

GOLF: NONE

HOTEL:

1. TECHNICAL INVESTIGATION REQUESTED
2. ITEM AVAILABLE
3. PHOTOGRAPHS AVAILABLE
4. SUPPLEMENTARY MSG WILL NOT BE SUBMITTED.

SECTION 4

COGNIZANT FIELD ACTIVITIES

1. AVIATION ACTIVITIES.

EQUIPMENT	CFA
AERIAL REFUELING/EXT. FUEL	
STORES/BAGGAGE CONTAINERS	NAVAVNDEPOT JACKSONVILLE FL
AIRCRAFT BATTERIES/PYROTECHNICS/ SIGNAL CARTRIDGES/INFRARED DECOY FLARES & DEVICES	NAVSURFWARCENDIV CRANE IN
AIRCRAFT PERSONAL PROTECTIVE/ SURVIVAL EQUIPMENT/OXYGEN SYS/ LOX CONVERTERS/OXYGEN REGULATORS/ OXYGEN CYLINDERS/RF PASSIVE COUNTERMEASURES (CHAFF)/RF ACTIVE COUNTERMEASURES (GEN-X & POET)	NAVAIRWARCENACDIV PATUXENT RIVER MD
AVIATION TRAINING DEVICES	NAVAIRWARCENTRASYS DIV ORLANDO FL
BOMB RACKS/SONOBUOYS/WALLEYE/ AIRCRAFT MISSILE LAUNCHERS/ LAU-138A/A GUIDED MISSILE LAUNCHER SET/D-46/ALE-39 BOL CHAFF DISPENSER	HTSC INDIANAPOLIS IN
EXPLOSIVE CARTRIDGES/CADS/AEPS/ ROCKETS/ROCKET LAUNCHERS/JATO/ RATO/AIRBORNE EXPENDABLE COUNTERMEASURE CADS	NAVSURFWARCENDIV INDIAN HEAD MD
HAND TOOLS	FLEMATSUPPO MECHANICSBURG PA
MISSILES (EXCEPT WALLEYE MSL) WSE/TARGETS/TALD/PIONEER/ AIRCRAFT GUNS/AMMUNITION/BOMBS/ AIRBORNE ORDNANCE/PARACHUTE FLARE DISPENSERS/ALE-33/44 DISPENSER SETS	NAVAIRWARCENWPNDIV PT MUGU CA WPNSTA EARLE COLTS NECK NJ
AIR LAUNCHED MISSILE CONTAINERS TECHNICAL PUBLICATIONS	NAVAIRTECHSERVFAC PHILADELPHIA PA
ALE-29A/37A/41/47 DISPENSER SETS/ALE-39 DISPENSING SYSTEM ARMAMENT WEAPONS SUPPORT EQUIPMENT (AWSE)	NAVAVNDEPOT JACKSONVILLE FL NAVAIRWARCENAD LAKEHURST NJ
2. AIRCRAFT	CFA/NAVAVNDEPOT
A-6E,EA-6B,E-6A,F-14,P-3, T-2C,T-45A	NAVAVNDEPOT JACKSONVILLE FL
A-4,AV-8,C-130,F-4,H-46, H-53,H-1,AH-1,H-2,H-3 C-2,E-2,F-5,F/A-18,S-3 C-9B,CT-39,C-12,C-20D,DC-130, T-34C,T-44,TH-57,TC-4C PIONEER UAV	NAVAVNDEPOT CHERRY POINT NC NAVAVNDEPOT NORTH ISLAND CA PMA-227 PATUXENT RIVER MD NAVAIRWARCENACDIV PATUXENT RIVER MD

3. SEA/SHORE ACTIVITIES.

GUN AMMUNITION/PYROTECHNICS/
SIGNAL CARTRIDGES/AN-SLQ-49/
SMALL ARMS, DYNAMITE
CIWS/SURFACE GUNS/SRBOC/
DEMOLITION MATERIALS/DETONATORS/
GRENADES

TORPEDOS AND ASROC
SURFACE LAUNCHED MISSILES/
SURFACE MISSILE LAUNCHERS

SUBSURFACE MISSILES/
TORPEDO LAUNCHERS
SURFACE ROCKET LAUNCHERS
MHE/HANDLING EQUIPMENT/
SURFACE LAUNCH MISSILE
CONTAINERS

NAVSURFWARCENDIV CRANE IN

NAVSURFWARCEN ORDSTA
LOUISVILLE KY

NAVUNSEAWARCENDIV KEYPORT WA

NAVSURFWARCENDIV PORT HUENEME
CA

NAVUNSEAWARCENDIV NEWPORT RI
NAVSURFWARCENDIV INDIAN HEAD MD

WPNSTA EARLE COLTS NECK NJ//

BT
NNNN